

DECLARATION, POWER OF ATTORNEY, AND PETITION

We, Daniel A. Japuntich, Vaughn B. Grannis, Harold J. Seppala, and Anthony B. Ferguson, declare that: (1) our respective residences, citizenships, and mailing addresses are indicated below; (2) we have reviewed and understand the contents of our patent application, including the claims, as amended by any amendment specifically referred to herein, which is identified as U.S. Patent Application Serial No. 07/981,244, filed November 25, 1992; (3) we believe that we are the original, first, and joint inventors or discoverers of the invention or discovery in

UNIDIRECTIONAL FLUID VALVE

described and claimed therein and for which a patent is sought; and (4) this application in part discloses and claims subject matter disclosed in our earlier filed pending application, Serial No. 07/891,289, filed May 29, 1992; (5) we hereby acknowledge our duty to disclose to the Patent and Trademark Office all information known to us to be material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56*; and (6) we hereby acknowledge our duty to disclose to the Patent and Trademark Office material information as defined in Title 37, Code of Federal Regulations, §1.56* which occurred between the filing date of said earlier application and the filing date of this application.

No application for patent or inventor's certificate on said common or said non-common subject matter has been filed by us or our representatives or assigns in any country foreign to the United States of America, except as follows: None

We hereby appoint Gary L. Griswold (Reg. No. 25,396), Walter N. Kirn (Reg. No. 21,196), Roger R. Tamte (Reg. No. 21,093), Warren R. Bovee (Reg. No. 26,434), Gerald F. Chernivec (Reg. No. 26,537), Carolyn A. Bates (Reg. No. 27,853), John C. Barnes (Reg. No. 20,278), and Karl G. Hanson (Reg. No. 32,900) our attorneys with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the Patent and Trademark Office connected therewith; the mailing address and the telephone number of the above-mentioned attorneys are

Attention: Karl G. Hanson
3M Office of Intellectual Property Counsel
P.O. Box 33427
St. Paul, Minnesota 55133-3427
Telephone No. (612) 733-1500

The undersigned petitioners declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Wherefore, we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the aforementioned specification and we hereby subscribe our names to the foregoing specification and claims, Declaration, Power of Attorney, and Petition, on the date indicated below.

Denny J. Knue

Witness

Daniel A. Japuntich 1/13/93

Daniel A. Japuntich Date

Residence: City of St. Paul, County of Ramsey, State of Minnesota

Citizenship: United States of America

Post Office P.O. Box 33427

Address: St. Paul, Minnesota 55133-3427

*Title 37, Code of Federal Regulations, §1.56 is reproduced on the back of this page.

Linda R. Dickson

Witness

Susan M. Dicks

Witness

Susan M. Dicks

Witness

Suzanne F. Johnson

Witness

Kathleen F. Laromy

Witness

Susan M. Dicks

Witness

Vaughn B. Grannis 1/18/93

Date

Residence: City of Inver Grove Heights, County of Dakota,
State of Minnesota

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Harold J. Seppala

1/11/93

Date

Residence: City of St. Paul, County of Ramsey, State of
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Anthony B. Ferguson

1/18/93

Date

Residence: City of Woodbury, County of Washington, State of
Minnesota

Citizenship: United States of America
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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To: The Honorable Commissioner of Patents and Trademarks
Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies) (Execution Date)

3M Company (formerly Minnesota
 Mining and Manufacturing Company),
 a Corporation of the State of Delaware

September 13, 2002

Name and address of receiving party(ies):

3M Innovative Properties Company
 P.O. Box 33427
 St. Paul, Minnesota 55133-3427

Additional names of conveying party(ies) attached?

Yes No

Additional names of receiving party(ies) attached?

Yes No

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

If this is a request for correction of a previously recorded document, a copy of the
 previously recorded assignment and previous Notice of Recordation is enclosed.

4. Application number or patent number:

This document is being filed with a new patent application on:
 This document is to be recorded against the following patent application or patent: 5,325,892; 5,509,436; 08/240,877;
 09/677,637; 09/680,465; 09/678,579; 09/678,580; 09/837,714; and 09/837,800
 Enter Patent Cooperation Treaty (PCT) application number only if a USN has not been assigned:

Additional Numbers Attached? Yes No

**5. Name and address of party to whom correspondence
 concerning document should be mailed:**

Name: Karl G. Hanson
 Office of Intellectual Property Counsel
 3M Innovative Properties Company
 P.O. Box 33427
 St. Paul, Minnesota 55133-3427
 Phone Number: 651-736-7776

**6. Total number of applications
 and patents involved:**

9 *vl*

7. Total fee (37 CFR 3.41): \$360.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: 13-3723

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9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Printed Name of

Attorney/Agent: Karl G. Hanson
 Registration No.: 32,900


 Signature

September 17, 2002
 Date

Pages: Total number of pages including COVER SHEET, attachments and documents

15/12

Mail documents to be recorded with required cover sheet information to:
 Commissioner for Patents, Box Assignments, Washington, DC 20231

CPI 230b Assign Record Cover - 3M to IPC

X POSTED

SEP 23 2002

KGH

ASSIGNMENT

ASSIGNOR: 3M COMPANY (formerly MINNESOTA MINING AND MANUFACTURING COMPANY)
 of: PO Box 33427
 St. Paul, Minnesota 55133-3427
 United States of America

a corporation organized and existing under the laws of the State of Delaware, United States of America does hereby claim and declare that it is the owner of all right, title and interest in and to the following Patent Application(s) or letters Patents(s) and other rights and powers obtainable or exercisable in respect thereof as numbered in United States Patent(s) and /or Patent Application(s):

Patent Application No.	Patent Number	Filing Date	Issue Date
	5,325,892		July 5, 1994
	5,509,436		April 23, 1996
08/240,877		May 11, 1994	
09/677,637		October 3, 2000	
09/680,465		October 3, 2000	
09/678,579		October 3, 2000	
09/678,580		October 3, 2000	
09/837,714		April 18, 2001	
09/837,800		April 18, 2001	

3M Company (formerly Minnesota Mining and Manufacturing Company) does hereby, for good and valuable consideration, effective as of April 1, 1999 received, sell, assign and transfer unto:

ASSIGNEE: 3M INNOVATIVE PROPERTIES COMPANY
 of: PO Box 33427
 St. Paul, Minnesota 55133-3427
 United States of America

a corporation organized and existing under the laws of the State of Delaware, United States of America, its entire right, title and interest in and to the said Patent Application(s) or Letters Patent(s) including any division, continuation (in whole or in part) reissue or reexamination thereof, and in and to any countries foreign thereto, and consent to the recordal of this Assignment.

ASSIGNOR
 Subscribed and Sworn:

At St. Paul, Minnesota 55133-3427

this 13th day of September, 2002

3M COMPANY (formerly MINNESOTA MINING
 AND MANUFACTURING COMPANY)

By: Carolyn A. Bates

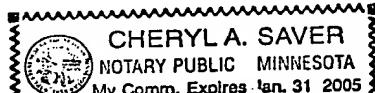
Name: Carolyn A. Bates

Its: Assistant Chief Intellectual Property
 Counsel

Subscribed and sworn to before me this

13th day of September, 2002

Ch. A. Saver
 Notary Public



ASSIGNEE
 Accepted:

At St. Paul, Minnesota 55133-3427

this 16th day of September, 2002

3M INNOVATIVE PROPERTIES COMPANY

By: Gary L. Griswold

Name: Gary L. Griswold
 Its: President and Chief Intellectual Property
 Counsel

Subscribed and sworn to before me this

16th day of September, 2002

Jean S. Kistler
 Notary Public

